

1 1. A method comprising:
 2 providing a cassette tape shaped adapter to be
 3 received within a cassette tape player;
 4 enabling a digital audio player to be coupled to
 5 said adapter; and
 6 enabling the digital audio player to be
 7 controlled through controls for said cassette tape player.

1 2. The method of claim 1 including operating the
 2 digital audio player to play in response to operation of a
 3 play control on the cassette tape player.

1 3. The method of claim 1 including stopping the
 2 playback of audio on the digital audio player in response
 3 to operation of a control on the cassette tape player.

1 4. The method of claim 1 including sensing the
 2 direction of rotation of the tape player.

1 5. The method of claim 1 including sensing rotation
 2 of the tape player.

1 6. The method of claim 1 including sensing operation
 2 of a head of the tape player.

1 7. The method of claim 1 including using the
 2 cassette tape shaped adapter to sense an operation of the

3 cassette tape player and to use that information to control
4 the digital audio player.

1 8. The method of claim 1 including detecting when a
2 rewind control on the cassette tape player is operated and,
3 in a response to the detection of the rewind control being
4 operated, replaying a selection on the digital audio
5 player.

1 9. The method of claim 1 including detecting
2 operation of a record control on the cassette tape player
3 and automatically implementing a record function on the
4 digital audio player.

1 10. An article comprising a medium storing
2 instructions to enable a processor-based system to:
3 provide a cassette tape shaped adapter to be
4 received within a cassette tape player;
5 enable a digital audio player to be coupled to
6 said adapter; and
7 enable said digital audio player to be controlled
8 through controls for said cassette tape player.

1 11. The article of claim 10 further storing
2 instructions to enable a processor-based system to operate
3 the digital audio player to play in response to operation
4 of a play control on the cassette tape player.

1 12. The article of claim 10 further storing
2 instructions to enable a processor-based system to stop the
3 playback of audio on the digital audio player in response
4 to operation of a stop control on the cassette tape player.

1 13. The article of claim 10 further storing
2 instructions to enable a processor-based system to sense
3 the direction of rotation of the tape player.

1 14. The article of claim 10 further storing
2 instructions to enable a processor-based system to sense
3 rotation of the tape player.

1 15. The article of claim 10 further storing
2 instructions to enable a processor-based system to sense
3 operation of a record head of the tape player.

1 16. The article of claim 10 further storing
2 instructions to enable a processor-based system to use the
3 cassette tape shaped adapter to sense an operation of the
4 cassette tape player and to use that information to control
5 the digital audio player.

1 17. The article of claim 10 further storing
2 instructions to enable a processor-based system to detect
3 when a rewind control on the cassette tape player is
4 operated and, in a response to the detection of the rewind

5 control operation, replay a selection on the digital audio
6 player.

1 18. The article of claim 10 further storing
2 instructions to enable a processor-based system to detect
3 the operation of a record control on the cassette tape
4 player and automatically implement a record function on the
5 digital audio player.

1 19. A cassette tape adapter comprising:
2 a cassette-shaped housing;
3 a sensor to sense an operation of a cassette tape
4 player; and
5 an interface to couple to a digital audio player.

1 20. The adapter of claim 19 including a rotatable
2 element and a sensor to sense rotation of the element.

1 21. The adapter of claim 19 wherein said sensor
2 senses operation of a cassette tape head.

1 22. The adapter of claim 19 including a controller in
2 said housing, said controller storing instructions to
3 enable detection of the operation of a play button on a
4 cassette tape player.

1 23. The adapter of claim 22 wherein said controller
2 stores instructions to enable said controller to detect
3 operation of a stop button on a cassette tape player.

1 24. The adapter of claim 23 wherein said interface
2 provides a command to a digital audio player to stop
3 playing when the stop button is operated.

1 25. The adapter of claim 22 wherein said controller
2 detects operation of a tape rewind function in a cassette
3 tape player.

1 26. The adapter of claim 25 wherein said controller
2 sends a signal to said interface to enable said digital
3 audio player to replay a selection when the tape rewind
4 operator is operated on a cassette tape player.

1 27. The adapter of claim 19 including a selectively
2 variable impedance coupleable to a digital audio player.

1 28. A digital audio player comprising:
2 a detector to detect a selectively variable
3 impedance in a remote device; and
4 an electrical coupling to couple an audio signal
5 from the digital audio player to the detector.

1 29. The player of claim 28 including audio output,
2 said detector being connectable to the audio output.

- 1 30. The player of claim 28 wherein said audio output
2 is a headphone output.